X + "C"
(SEE CVD—GR01)

THEORETICAL HINGE POINT

SLOPE ROUNDING

SLOPE RATIO

TOTAL HEIGHT OF SLOPE

SLOPE ROUNDING AT BOTTOM
OF SLOPE ONLY REQUIRED
ADJACENT TO NATURAL OR
PLANTED AREAS.

PROFILE VIEW
NO SCALE

X

Y

DETAIL
NO SCALE

X = DISTANCE FROM THEORETICAL HINGE
POINT TO POINT OF TANGENCY.

Y = DEPTH OF CUT AT THEORETICAL
HINGE POINT.

VERTICAL SLOPE ROUNDING				
SLOPE RATIO	TOP OF SLOPE		BOTTOM OF SLOPE AND BENCHES	
	X	Y	X	Y
STEEPER THAN 2:1	16'	3'	8'	1.5'
2:1 TO 3:1	10'	2'	5'	1'
FLATTER THAN 3:1	6'	1'	3'	0.5'

NOTES:

1. SLOPE ROUNDING IS REQUIRED FOR ALL SLOPES, EXCEPT WHERE WALLS ARE INSTALLED PER
DEPARTMENT OF PLANNING AND BUILDING REQUIREMENTS.

2. FOR SLOPE GRADING AND SLOPE BENCHES, SEE CVD—GR01.

3. FOR BROW AND TERRACE DITCHES, SEE REG. STD. DWG. D—75.

Revised:	Original approval date: 7—22—75	CITY OF CHULA VISTA	
11—5—01 CM	Redrawn By: ARR Date: 7—26—95	PUBLIC WORKS DEPARTMENT	
	Clifford Swanson	VERTICAL	CVD—
	CITY ENGINEER Date: 11/7/02	SLOPE ROUNDING	GR02